## ABSTRACT

Method for effecting a chained key-issuing process over a finite group of points in which the discrete logarithm problem applies, wherein an issuing user ($User_i$), who possesses an issuing user public value ($\mathbf{U}_i$) and an issuing user private key ($x_i$), provides to a successor user ($User_{(i+1)}$) a successor user public value ($\mathbf{U}_{(i+1)}$) and a successor user private key ($x_{(i+1)}$), and where the issuing user, except for a Certifying Authority (CA), was a successor user in a preceding step in the chained key-issuing process, and where the Certifying Authority acts as the first issuing user in the chained key-issuing process.